

FullDay Numpy,Pandas,Matplotlib(6+6hr)\$325 Pay at Door

FullDay Numpy, Pandas & Matplotlib Bootcamp NYC by Joshi

Numphy, Pandas & Matplotlib FullDay Classes NYC

Shivgan Joshi

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## *Weblinks:*

<http://learnprogrammingnyc.com/>

<http://qcfinanceconsultingnyc.site/>

## Contact Details

Please mail [shivgan3@gmail.com](mailto:shivgan3@gmail.com) or call 929-356-5046 for any details/queries

Learn how to analyze, summarize, and visualize data in hands-on classroom and corporate training in New York.

## About this Event

Our data analytics classes are taught by top instructors using our proprietary curriculum.

1. This course consists of 6 hours of onsite training along with 6 hours of live online training and 3 hours of tech support! (Online classes are taken on zoom.)

2. A minimum of 3 seats are required to start a batch, so please share your preferred date and time-slot to form a batch.
3. You can also join our 1 on 1 personalized course for which you can inquire separately.

## Instructors:

Shivgan Joshi – Python Data Science Instructor

(Instructor has taken several sessions in NYC and will explain you all concepts in a very eloquent manner.)

## More details about the event

We know how busy you are. Our anytime, anywhere approach lets you decide when and where to study. Studying alone is hard. Work with a personal mentor to drill into concepts, get feedback, and plan your career.

Numpy is the core library for scientific computing in Python. It provides a high-performance multidimensional array object and tools for working with these arrays. Numpy is a powerful N-dimensional array(ndarray) object which is Linear algebra for Python.

Pandas is an open-source library built on top of numpy providing high-performance, easy-to-use data structures and data analysis tools for the Python programming language. It allows for fast analysis and data cleaning and preparation. It excels in performance and productivity. It can work with data from a wide variety of sources.

## What You'll Learn:

1. Important attributes of the ndarray object.
2. Basic Operations of ndarray
3. Indexing, Slicing and Iterating in numpy.
4. Pandas Series and DataFrames
5. Various Operations on DataFrames.
5. Plotting and Visualization
6. Data Aggregation and Group Operations
7. Working with jupyter anaconda notebooks pandas numpy matplotlib git and many other tools

## RESEARCH DESIGN AND EXPLORATORY DATA ANALYSIS TERMS AND CONCEPTS

1. Pandas library Import, format and clean data using the Pandas Library  
Draw Parallels with Excel / SQL STATISTICAL
2. Understand the utility of difference data structures
3. Use NumPy and Pandas libraries to analyze datasets  
using basic summary statistics: mean, median, mode, max, min,  
quartile, inter-quartile, range, variance, standard deviation and  
correlation.
4. Create data visualization - scatter plots, scatter matrix, line graph, box blots, and histograms-  
to discern characteristics and trends in a dataset
5. Identify a normal distribution within a dataset using summary statistics and visualization
6. Difference between Normalization and Standardization STATISTICAL
7. MORE INPUTS ON EXPLORATORY USING PANDAS
8. Deeper insight into exploratory data analysis
9. Correlation Regression
10. MISSING DATA Handling

Our curriculum focuses on hands-on projects and practical advice for job interviews and networking. Graduate with the portfolio and confidence you need to impress recruiters.

## Instructor's Bio Data

### **Shivgan Joshi**

Shivgan Joshi is an executive trainer and talent acquisition consultant at QcFinance and has worked in the field of data science across disciplines . At QcFinance, Joshi developed Python, R, SQL, MatLab, VBA, and BAT courses focused on all aspects of finance, including trading and modeling of quantitative portfolios.

<https://www.udemy.com/user/shivganjoshi2/>

<https://github.com/shivgan3>

## Other Courses

We also offer affordable courses on

1. Python programming,
2. Data Science and Analysis,
3. Machine Learning,
4. Blockchain technologies, and
5. VBA

## Reference

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